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| Search Notes  | Application/Control No. 09484886 | Applicant(s)/Patent Under Reexamination SMITH ET AL. |
| | Examiner KAILASH C SRIVASTAVA | Art Unit 1657 |

| SEARCHED | | | |
|--------------------------------|--|------------|----------|
| Class | Subclass | Date | Examiner |
| 435 | 69.1, 69.4, 70.1, 71.1, 2443, 325, 252.3 | 03/20/2003 | KCS |
| 514 | 6, 8 | 03/20/2003 | KCS |
| 530 | 3350, 380, 395, 397, 412, 413, 417, 418 | 03/20/2003 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 09/20/2003 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 06/29/2004 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 03/16/2005 | KCS |
| NONE | NONE | 03/16/2005 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 12/22/2005 | KCS |
| NONE | NONE | 12/22/2005 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 04/23/2007 | KCS |
| NONE | NONE | 04/23/2007 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 02/10/2008 | KCS |
| NONE | NONE | 02/10/2008 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 6/15/2009 | KCS |
| NONE | NONE | 6/15/2009 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 2/7/2010 | KCS |
| NONE | NONE | 2/7/2010 | KCS |
| Updated Partial Search in WEST | Updated Partial Search in WEST | 2/28/2010 | KCS |
| NONE | NONE | 3/7/2010 | KCS |

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| /Kailash C Srivastava/ Examiner.Art Unit 1657 | |
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SEARCHED

| Class | Subclass | Date | Examiner |
|--------------------------------|--------------------------------|-----------|----------|
| Updated Partial Search in WEST | Updated Partial Search in WEST | 2/28/2011 | KCS |
| NONE | NONE | 2/28/2011 | KCS |

SEARCH NOTES

| Search Notes | Date | Examiner |
|--|------------|----------|
| WEST: DWPI, EPAB, JPAB, PGPB, USOC, USPT | 03/20/2003 | KCS |
| STN: AGRICOLA, BIOBUSINESS, BOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CONFSCI, EMBASE, MEDLINE, SCISEARCH, | 03/20/2003 | KCS |
| Search Strategy: human erythropoietin, recombinant, insect cell culture, baculovirus, insect culture, cell culture, purified, glycosylated, human or mammalian erythropoietin, dissolved oxygen, | 03/20/2003 | KCS |
| Performed inventor search | 03/23/2003 | KCS |
| Consulted Priority Applications: USSNos. 60/118,816; 60/162,3554; 09/169,178; United States APtent 6,103,526 | 03/20/2003 | KCS |
| Updated Search with additional strategy and key words: dissolved oxygen, carbon dioxide, culture parameter, Spodoptera frugiperda | 09/20/2003 | KCS |
| Updated search with additional words and performed inventor/author search in REGISTRY and ADISCTI, AGRICOLA, BIOBUSINESS, BOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CONFSCI, DISSABSTR, EMBASE, ESBIODASE, FEDRIP, FROSTI, JICST-EPLUS, LIFESCI, MEDLINE, PROMPT, RDISCLOSURE, SCISEARCH, | 06/29/2004 | kcs |
| Updated Search in WEST with above strategy | 03/16/2005 | KCS |
| Updated Search in WEST with same strategy | 12/22/2005 | KCS |
| Updated Search in WEST with same strategy as before because the newly added claims do not present any new matter | 04/23/2007 | KCS |
| Updated Search in WEST with same strategy as before and additionally with higher purity because of amendment to claims and newky added claims pertaining to new matter | 02/10/2008 | KCS |
| Discussed case with Dr. Weber | 6/09/2009 | KCS |
| Updated Search in WEST with same strategy as on 04/03/2007 and additionally with higher purity because of amendment to claims and newky added claims . | 6/15/2009 | KCS |
| Updated Inventor Name Search | 6/15/2009 | KCS |
| Verified Application Priority data (i.e.Priority Applications: USSNos. 60/118,816; 60/162,3554; 09/169,178; United States APtent 6,103,526) | 6/15/2009 | KCS |
| Discussed case with Dr. Weber for Final Rejection because Claims have been amended | 2/2/2010 | KCS |
| Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as on 04/03/2007 and additionally with higher purity , bacu;lovirus expression vector system, BEVS because of amendment to claims. | 2/7/2010 | KCS |

/Kailash C Srivastava/
Examiner.Art Unit 1657

SEARCH NOTES

| Search Notes | Date | Examiner |
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| Re-Verified Application Priority data (i.e. Priority Applications: USSNs. 60/118,816; 60/162,3554; 09/169,178; United States Patent 6,103,526) | 2/7/2010 | KCS |
| Updated Inventor Name Search | 2/7/2010 | KCS |
| Google search- Glycosylated | 2/7/2010 | KCS |
| Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as on 04/03/2007 and additionally with higher purity , bacu;lovirus expression vector system, BEVS because of amendment to claims., hollo-fiber bioreactor | 2/28/2010 | KCS |
| Updated Inventor Name Search | 2/28/2010 | KCS |
| Re-Verified Application Priority data (i.e. Priority Applications: USSNs. 60/118,816; 60/162,3554; 09/169,178; United States Patent 6,103,526) | 2/28/2010 | KCS |
| Google search- Glycosylated-fermenter, bioreactor, hollow fiber | 2/27/2010 | KCS |
| Discussed case with Dr. Weber for Final Rejection because Claims have been amended to Product and withdrawn 153-169 because Applicants want to change the invention scope to methods | 2/28/2011 | KCS |
| Re-Verified Application Priority data (i.e. Priority Applications: USSNs. 60/118,816; 60/162,3554; 09/169,178; United States Patent 6,103,526) | 2/28/2011 | KCS |
| Updated Inventor Name Search | 2/28/2011 | KCS |
| Updated Search in WEST:DWPI, EPAB, JPAB, PGPB, USOC, USPT with same strategy as 02/07/2010 BECAUSE EVEN THE AMENDED CLAIMS DRAWN TO A METHODS INVENTION HAVE A DEPENDENT CLAIM (170) DRAWN TO THE EPO | 2/28/2011 | KCS |

INTERFERENCE SEARCH

| Class | Subclass | Date | Examiner |
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/Kailash C Srivastava/
Examiner, Art Unit 1657